Form PTO 1595 . Dept. of Commerce 102099210 (Rev. 6-93) ent and Trademark Office To the Commissioner for Patents: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Neil C. BIRD Name: Koninklijke Philips Electronics N.V 10-25-0 Internal Address: Additional name(s) of conveying party(ies) attached? No x Street Address: Groenewoudseweg 1 __Nature of conveyance: x NL-5621 BA Eindhoven The Netherlands Assignment Merger Additional name(s) & address(es) attached? Security Agreement Change of Terms Yes No х Other Execution Date: 8/31/01. 10,144827 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is <u>8/31/01</u>. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should be mailed: involved: 1 Name: Philips Electronics North America Corporation Total fee (37 CFR 3.41) ...\$40.00 Authorized to Deposit Account Enclosed Internal Address: 8. Deposit Account Number: 14-1270 Street Address: 580 White Plains Road (Attach duplicate copy of this page paying by deposit account) City: Tarrytown State: NY Zip: 10591 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Michael E. Marion, Reg. 32,266 Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner for Patents **Box Assignments** 05/22/2002 GTON11 00000003 141270 10144827 Washington, D.C. 20231 40.00 CH S:\BR\ml19brw0.ru0.doc

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PATENT REEL: 012907 FRAME: 0582

ASSIGNMENT

For good and valuable consideration, of which I acknowledge receipt, I, as a below-named assignor, sell and assign to KONINKLIJKE PHILIPS ELECTRONICS N.V. (hereinafter "Assignee") a company organised and existing under the laws of THE NETHERLANDS, whose business address is Groenewoudseweg 1, NL-5621 BA Eindhoven, The Netherlands, its successors and assigns, the application for a United States Patent for the improvements in "AN IMAGE SENSOR"

invented by me/us, which application is executed concurrently herewith, and all rights in and to said application, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all Patents on said improvements or resulting therefrom to said Assignee as assignee of the entire interest and covenant that I have full right so to do, and agree that I will communicate to said Assignee or its representatives any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns and nominees, to obtain and enforce proper protection for said invention.

31/8/01 ^S	Subscribed and executed at 1 (sign name here) Date (print name here)	REDHILL ENCLAND Neil C. BIRD	, Assignor
(31st August 1	()	Tion O. Direct	
- 2001 S	Subscribed and executed at		1 2/2
	2 (sign name here)		, Assignor
I	Date (print name here)		
S	Subscribed and executed at		
	3 (sign name here)		, Assignor
1	Date (print name here)		

1,2,3 - Sign exactly as printed name. Printed name to be identical to name in Application Declaration.

PATENT RECORDED: 10/25/2001 REEL: 012907 FRAME: 0583